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EXAMINER

BASHORE, WILLIAM L

ART UNIT PAPER NUMBER

2176

DATE MAILED: 07/08/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/098,366

Applicant(s)

HIGASHIYAMA ET AL.

Examiner

William L. Bashore

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 April 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: amendment filed 4/11/2002 to the original application filed on 6/17/1998.
2. Claims 1, 3-21 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Van De Vanter and Fukunaga.
3. Claims 1, 3-28 are pending. Claims 22-28 have been added. Claims 1, 10, 15, 21, 22 are independent claims.

Claim Rejections - 35 USC § 102

4. **The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:**

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. **Claims 22-28 are rejected under 35 U.S.C. 102(b) based upon a public use or sale of the invention. The invention is WordPerfect Version 6.1 For Windows (hereinafter WordPerfect), released 4/15/1996 by Corel Corporation, screenshots from application, pp. 1-9.**

In regard to independent claim 22, WordPerfect discloses:

- a document editor in which hidden text, paragraph markers, spaces, as well as reveal codes can be revealed, resulting in the presentation of a typical document (WordPerfect pp. 2-3). It is noted that page 3 (item a) represents the present input cursor, and page 3 (item b) reflects a cursor placed at a user

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selected location with no text and markers. A user can notify WordPerfect of an intent to insert an insertion point by activating Insert-Object>Create New Bitmap Image (WordPerfect pp. 4-5), resulting in an input area (WordPerfect p. 6). Additionally, the user can activate Create Caption, resulting in an editable caption input area indicative of an insertion point, said caption and surrounding area can be positioned if necessary (WordPerfect p. 8-9) (compare with claim 22 “*A computer-implemented method for editing an electronic document comprising: receiving a notification of an intent to create an insertion point at a cursor location in the electronic document*”).

- as explained above, WordPerfect page 3 (item b) reflects a cursor placed at a user selected location with no text and markers. The above operations results in WordPerfect automatically formatting the document to include the new data, along with added paragraph, tab, and space markers at the cursor location (WordPerfect page 8) (compare with claim 22 “*if the cursor location corresponds to no existing text, automatically making formatting adjustments sufficient to create the insertion point at the cursor location.*”).

In regard to dependent claims 23-25, WordPerfect discloses formatting adjustments for including text and text markers (i.e. new tab, paragraph, and space markers) proximate to (i.e. horizontal and vertical) an input cursor (WordPerfect pp. 8-9; compare with claims 23-25).

In regard to dependent claim 26, WordPerfect discloses revealing context information (WordPerfect page 2, 8-9; compare with claim 26).

In regard to dependent claims 27-28, WordPerfect discloses an intended input cursor (WordPerfect page 3 item b), which contains no text or document markers (compare with claims 27-28).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1, 3-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Van De Vanter, U.S. Patent No. 5,857,212 issued January 1999, in view of Fukunaga, U.S. Patent No. 5,627,948 issued May 1997.

In regard to independent claim 1, Van De Vanter teaches a location of a cursor over existing text (Van De Vanter column 21 lines 65-67; compare with amended claim 1(a) “*determining whether a location of a cursor in the electronic document is positioned over existing text, wherein the existing text includes existing paragraph marks, existing characters or existing spaces*”).

Van De Vanter teaches text editing by managing movement and placement of a cursor relative to text positions (Van De Vanter column 21 lines 65-67, column 12 lines 22-29; compare with amended claim 1(b) “*collecting context information regarding the location of the cursor in the electronic document by: if the location of the cursor is positioned over existing text, then collecting context information associated with the existing text*”).

Van De Vanter does not specifically teach collecting said information proximate to cursor location. However, Fukunaga teaches collecting contextual formatting information of text lines proximate to a cursor position not located over text (Fukunaga Figure 4, also column 3 lines 64-67, column 4 lines 1-10; compare with amended claim 1(b) “*otherwise, collecting context information associated with existing text that is proximate to the location of the cursor*”). It would have been obvious to one of

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ordinary skill in the art at the time of the invention to apply Fukunaga to Van De Vanter, because Fukunaga's taught advantage of collecting format information, providing a way to establish format and display correspondence to Van De Vanter (Fukunaga column 1 lines 66-67, column 2 lines 1-2).

Van De Vanter teaches a rule selected from a plurality of rules subsequent to user input (Van De Vanter column 16 lines 65-67, column 17 lines 1-5; compare with amended claim 1(c) "*selecting one of a plurality of rules based on the collected context information*").

Van De Vanter teaches changing cursor presentation (Van De Vanter column 36 lines 59-67; compare with amended claim 1(d) "*in response to selecting the rule, changing a presentation of the cursor to indicate an anticipated location of the insertion point...*"). Van De Vanter does not specifically teach indication of formatting types in close proximity. However, Fukunaga teaches display of formatting information proximate to cursor location, subsequent to a change in said cursor location (Fukunaga Figures 3, 4 items K, 301-307; compare with claim 1(d) "*...and a type of formatting that will be applied to text and objects located in close proximity to the cursor location*"). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Fukunaga to Van De Vanter, because Fukunaga's taught advantage of format change and display, providing a way to easily show formatting changes to Van De Vanter (Fukunaga column 1 lines 66-67, column 2 lines 1-2).

Van De Vanter teaches the use of cursor movement and placement management (Van De Vanter column 12 lines 22-29; compare with claim 1(e) "*determining whether an indication has been received to place the insertion point in the electronic document*").

Van De Vanter teaches a method whereby a cursor is positioned in a displayed program for editing purposes (Van De Vanter column 12 lines 58-63). Van De Vanter does not specifically teach performing formatting. However, Fukunaga teaches performing formatting relative to cursor placement (Fukunaga Figures 3, 4 items K, 301-307; compare with claim 1(f) "*if so, then performing formatting to place the insertion point in the electronic document*"). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Fukunaga to Van De Vanter, because Fukunaga's taught

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advantage of format change and display, providing a way to easily show formatting changes to Van De Vanter (Fukunaga column 1 lines 66-67, column 2 lines 1-2).

In regard to dependent claim 3, Van De Vanter teaches various types of mouse clicks that can be used in the embodiment of the invention as disclosed by Van De Vanter (Van De Vanter column 9 lines 42-44; compare with claim 3).

In regard to dependent claim 4, Van De Vanter does not specifically teach the repeating of steps 1(a) - 1(f) of amended claim 1 upon no indication of cursor placement. However, Van De Vanter teaches repeating the visual offset calculation of alignment markers (Van De Vanter abstract at bottom, also column 42 lines 54-57; compare with claim 4). Claim 4 would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Van De Vanter, because of Van De Vanter's taught advantage of repetition, providing a way to display a complete formatting change to the method as taught by Van De Vanter.

In regard to dependent claim 5, Van De Vanter does not specifically teach a method of formatting comprising the addition/deletion of document formatting properties. However, Fukunaga teaches the changing of format properties (Fukunaga Figures 3, 4, also column 4 lines 8-10; compare with amended claim 5). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Fukunaga to the method of Van De Vanter, because of Fukunaga's taught advantage of format changing, providing increased textual correctness to the method as taught by Van De Vanter.

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In regard to dependent claim 6, Van De Vanter teaches localized lexical analysis performed subsequent to an insertion point defining a position of user editing, said position indicated by a cursor over text (Van De Vanter column 4 lines 25-33, column 21 lines 65-67; compare with amended claim 6).

In regard to dependent claims 7-8, Van De Vanter does not specifically teach associating a rule with formatting steps, as well as matching context information with a trigger, and selecting a coinciding rule. However, these limitations would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Van De Vanter, because Van De Vanter teaches how a keystroke executive and a tokenizer respond to a "delete net character" command issued by a user (Van De Vanter column 25 lines 44-50, and Table 6, 7). Certain positional rules are selected and implemented which are dependent upon a cursor position, which suggests triggering events and formatting steps eventually resulting in a final position (compare with claims 7-8), providing the advantage of rules based triggered events for modifying position displays.

In regard to dependent claim 9, a computer-readable medium (ie. diskette, hard disk, etc.) is known in the software art.

In regard to independent claim 10, Van De Vanter teaches a location of a cursor over existing text (Van De Vanter column 21 lines 65-67; compare with amended claim 10(a) "*determining whether a location of a cursor in the electronic document is positioned over existing text, wherein the existing text includes existing paragraph marks, existing characters or existing spaces*").

Van De Vanter teaches text editing by managing movement and placement of a cursor relative to text positions (Van De Vanter column 21 lines 65-67, column 12 lines 22-29; compare with amended claim 10(b) "*collecting context information regarding the location of the cursor in the electronic*").

document by: if the location of the cursor is positioned over existing text, then collecting context information associated with the existing text”).

Van De Vanter does not specifically teach collecting said information proximate to cursor location. However, Fukunaga teaches collecting contextual formatting information of text lines proximate to a cursor position not located over text (Fukunaga Figure 4, also column 3 lines 64-67, column 4 lines 1-10; compare with amended claim **10(b)** “*otherwise, collecting context information associated with existing text that is proximate to the location of the cursor*”). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Fukunaga to Van De Vanter, because Fukunaga’s taught advantage of collecting format information, providing a way to establish format and display correspondence to Van De Vanter (Fukunaga column 1 lines 66-67, column 2 lines 1-2).

Van De Vanter teaches a rule selected from a plurality of rules subsequent to user input (Van De Vanter column 16 lines 65-67, column 17 lines 1-5; compare with amended claim **10(c)** “*applying the collected context information...*”, and “*...to determine whether the collected information coincides with one of the plurality of rules*”). Van De Vanter also teaches the use of a database for storing lexical rules (see Van De Vanter column 11 lines 54-57; compare with amended claim **10(c)** “*...to a database of a plurality of rules...*”).

In addition, Van De Vanter teaches a method of cursor selection and display based upon insertion point position resulting in different editing behaviors and cursor presentations (Van De Vanter column 36 lines 59-67, column 37 lines 1-2; compare with amended claim **10(d)** “*if so, then determining one of a plurality of cursors associated with the coinciding rule*”, and **10(e)** “*displaying the associated cursor*”).

In regard to dependent claim 11, Van De Vanter teaches the presentation of an I-beam cursor based upon the position of an insertion point in the document (Van De Vanter column 37 lines 19-24; compare with claim 11).

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In regard to dependent claim 12, Van De Vanter teaches a method of alignment markers placed around tokens for centering lines, and automatic aligning between lines (Van De Vanter column 39 lines 9-23; compare with claim 12).

In regard to dependent claim 13, Van De Vanter does not specifically teach the repeating of steps 10(a) - 10(e) of amended claim 10 upon movement of cursor placement. However, Van De Vanter teaches repeating the visual offset calculation of alignment markers (Van De Vanter abstract at bottom, also column 42 lines 54-57; compare with claim 13). Claim 13 would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Van De Vanter, because of Van De Vanter's taught advantage of repetition, providing a way to display a complete formatting change to the method as taught by Van De Vanter.

In regard to dependent claim 14, claim 14 reflects the computer program product comprising computer readable instructions used for implementing the methods as claimed in claim 13, and is rejected using the same rationale.

In regard to independent claim 15, Van De Vanter teaches a location of a cursor over existing text (Van De Vanter column 21 lines 65-67; compare with amended claim 15(a) *"determining whether a location of a cursor in the electronic document is positioned over existing text, wherein the existing text includes existing paragraph marks, existing characters or existing spaces"*).

Van De Vanter teaches text editing by managing movement and placement of a cursor relative to text positions (Van De Vanter column 21 lines 65-67, column 12 lines 22-29; compare with amended claim 15(b) *"collecting context information regarding the location of the cursor in the electronic document by: if the location of the cursor is positioned over existing text, then collecting context information associated with the existing text"*).

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Van De Vanter does not specifically teach collecting said information proximate to cursor location. However, Fukunaga teaches collecting contextual formatting information of text lines proximate to a cursor position not located over text (Fukunaga Figure 4, also column 3 lines 64-67, column 4 lines 1-10; compare with amended claim **15(b)** “*otherwise, collecting context information associated with existing text that is proximate to the location of the cursor*”). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Fukunaga to Van De Vanter, because Fukunaga’s taught advantage of collecting format information, providing a way to establish format and display correspondence to Van De Vanter (Fukunaga column 1 lines 66-67, column 2 lines 1-2).

Van De Vanter teaches a rule selected from a plurality of rules subsequent to user input (Van De Vanter column 16 lines 65-67, column 17 lines 1-5; compare with amended claim **15(c)** “*applying the collected context information...*”, and “*...to determine whether the collected information coincides with one of the plurality of rules*”). Van De Vanter also teaches the use of a database for storing lexical rules (Van De Vanter column 11 lines 54-57; compare with amended claim **15(c)** “*...to a database of a plurality of rules...*”).

In addition, Van De Vanter teaches a method of matching an I-beam cursor relevant to various insertion point positions (Van De Vanter column 36 lines 64-67, column 37 lines 1-3; compare with amended claim **15(d)** “*if so, then adjusting the location of the insertion point based upon the coinciding rule*”, and **15(e)** “*determining whether the location of the insertion point matches the location of the cursor*”).

Van De Vanter does not specifically teach the repeating of steps 15(a) - 15(e). However, Van De Vanter teaches repeating the visual offset calculation of subsequent alignment markers (Van De Vanter abstract at bottom, also column 42 lines 54-57; compare with amended claim **15(f)** “*if not, then repeating steps (a) - (e)*”). Claim **15(f)** would have been obvious to one of ordinary skill in the art at the time of the invention, in view of Van De Vanter, because of Van De Vanter’s taught advantage of repetition, providing a way to display a complete formatting change to the method as taught by Van De Vanter.

In regard to dependent claims 16, claim 16 incorporates substantially similar subject matter as claimed in claim 8, and is rejected along the same rationale.

In regard to dependent claims 17-18, Van De Vanter teaches an embodiment involving secondary memory (Van De Vanter column 8 lines 25-29; compare with claim 17). A computer-readable medium (ie. diskette, hard disk, etc.) is known in the software art (compare with claim 18).

In regard to dependent claim 19, Van De Vanter teaches a method of a token stream, whereby dynamic user input results in updating insertion points and cursor positions of each dynamic editing action which can be used with a mouse (Van De Vanter column 4 lines 25-35, column 9 lines 42-44; compare with claim 19).

In regard to dependent claim 20, Van De Vanter teaches a method of an insertion point defining an actual editing location, said cursor location and analysis is updated subsequent to a user edit (Van De Vanter column 4 lines 25-35; compare with claim 20).

In regard to independent claim 21, Van De Vanter teaches a location of a cursor over existing text (Van De Vanter column 21 lines 65-67; compare with amended claim 21(a) "*determining whether a location of a cursor in the electronic document is positioned over an existing line*").

Van De Vanter teaches text editing by managing movement and placement of a cursor relative to text positions (Van De Vanter column 21 lines 65-67, column 12 lines 22-29; compare with amended claim 21(b) "*collecting context information regarding the location of the cursor in the electronic document by: if the location of the cursor is positioned over an existing line, then collecting context information associated with the existing line*").

Van De Vanter does not specifically teach collecting said information proximate to cursor location. However, Fukunaga teaches collecting contextual formatting information of text lines proximate to a cursor position not located over text (Fukunaga Figure 4, also column 3 lines 64-67, column 4 lines 1-10; compare with amended claim **21(b)** “*otherwise, collecting context information associated with an existing line that is proximate to the location of the cursor*”). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Fukunaga to Van De Vanter, because Fukunaga’s taught advantage of collecting format information, providing a way to establish format and display correspondence to Van De Vanter (Fukunaga column 1 lines 66-67, column 2 lines 1-2).

Van De Vanter teaches a rule selected from a plurality of rules subsequent to user input (Van De Vanter column 16 lines 65-67, column 17 lines 1-5; compare with amended claim **21(c)** “*selecting one of a plurality of rules based on the collected context information*”).

Van De Vanter teaches changing cursor presentation (Van De Vanter column 36 lines 59-67; compare with amended claim **21(d)** “*in response to selecting the rule, changing a presentation of the cursor to indicate an anticipated location of the insertion point...*”). Van De Vanter does not specifically teach indication of formatting types in close proximity. However, Fukunaga teaches display of formatting information proximate to cursor location, subsequent to a change in said cursor location (Fukunaga Figures 3, 4 items K, 301-307; compare with claim **21(d)** “*...and a type of formatting that will be applied to text and objects located in close proximity to the cursor location*”). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Fukunaga to Van De Vanter, because Fukunaga’s taught advantage of format change and display, providing a way to easily show formatting changes to Van De Vanter (Fukunaga column 1 lines 66-67, column 2 lines 1-2).

Van De Vanter teaches the use of cursor movement and placement management (Van De Vanter column 12 lines 22-29; compare with claim **21(e)** “*determining whether an indication has been received to place the insertion point in the electronic document*”).

Van De Vanter teaches a method whereby a cursor is positioned in a displayed program for editing purposes (Van De Vanter column 12 lines 58-63). Van De Vanter does not specifically teach performing formatting. However, Fukunaga teaches performing formatting relative to cursor placement (Fukunaga Figures 3, 4 items K, 301-307; compare with claim 21(f) “*if so, then performing formatting to place the insertion point in the electronic document*”). It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Fukunaga to Van De Vanter, because Fukunaga’s taught advantage of format change and display, providing a way to easily show formatting changes to Van De Vanter (Fukunaga column 1 lines 66-67, column 2 lines 1-2).

Response to Arguments

8. Applicant's arguments filed 4/11/2002 have been fully and carefully considered but they are not persuasive.

Applicant's arguments on pages 3-8 are substantially directed to the assertion that the cited art of record does not teach positioning a cursor over (and collecting context information on) a location with no existing text, or not on an existing line. The relevant claimed limitations recite in part: "*wherein the existing text includes existing paragraph marks, existing characters, or existing spaces*", and "*...if the location of the cursor is positioned over existing text, then collecting context information associated with the existing text; otherwise, collecting context information associated with existing text that is proximate to the location of the cursor*". The Examiner notes that the cited art teaches cursor positions over non-existing text.

Applicant argues on page 4 of the amendment that Van De Vanter does not teach changing presentation of a cursor. The Examiner notes that Van De Vanter teaches changing an I-Beam cursor.

Applicant argues on page 5 of the amendment that the specification includes tab stops as existing text. The Examiner notes that Applicant's cited specification discloses tabs as a property, or attribute of existing text. The Examiner makes a distinction between textual attributes, and the text itself.

Applicant argues on page 7 of the amendment that the cited art does not teach repeating steps of the claimed limitations. The Examiner notes that Van De Vanter teaches repeating various methods of his invention.

Conclusion

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William Bashore whose telephone number is **(703) 308-5807**. The examiner can normally be reached on Monday through Friday from 11:30 AM to 8:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon, can be reached on **(703) 308-5186**.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is **(703) 305-3900**.

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11. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 746-7239 (for formal communications intended for entry)

or:


(703) 746-7240 (for informal or draft communications, please label
"PROPOSED" or "DRAFT")

or:

(703) 746-7238 (for after-final communications)

**Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,
Arlington, VA, Fourth Floor (Receptionist).**

William L. Bashore
06/29/2002


JOSEPH H. FEILD
PRIMARY EXAMINER